Our last meeting was held on September 8th. We had 100% attendance of the usual attendees although Ed could only stay a short time.

I did not feel like carrying a lot of equipment so I only brought the Z88. Apparently no one else felt like carrying much either as the Z88 was the only computer there. One of the main reasons I bought the Z88 was to avoid carrying a desktop machine and especially a monitor around. Lee and Doug checked out the Z88 and a number of subjects were discussed.

The next meeting is on Friday the 13th. Don't go underneath any ladders or let any black cats cross your path on the way to the meeting.

We are participating in another computer show put on by the TI group on the 15th. We attended their previous two shows. They do put on a good show. See the information elsewhere in this issue. I hope to see you there. If you can't make it in the morning, maybe you can stop by in the early afternoon. This is also a Hamfest and you can usually find some great buys on computer related items.

Dave Bennett 329 R. Walton Street
Lemoyne, PA 17043   717-774-7531

N E X T   M E E T I N G

FRIDAY OCTOBER 13TH

6:30 TO 9:30 PM

CAMP HILL MALL COMMUNITY ROOM

Here is an article I found on GEnie about using modems in hotel rooms. It was written by an Epson PX-8 user but the information should apply to any computer, particularly the more portable ones.

The purpose of this article is to help clarify some problems in using a modem in a motel. Some of it may depend on laptop, modem, and communication program you are using. I am presently using an Epson Geneva PX-8 laptop with a Multi-unit (which has a built-in 300 baud modem), and MEX V.1.14 with the PX-8 V.1.2 overlay.

The first thing is to access the motel phone line. Most name motels have the modern modular plugs, which make things easy; just unplug the cable from the phone, and plug it into your modem. However, some motels (probably because of theft) are sneaky. Some use a hard wired phone with a modular plug hidden behind the wall plate. Simple; just remove the wall plate, and use your own cable between the wall jack and your modem. Some have broken the tabs off the modular plugs so they "can't" be removed. Just use a small screwdriver, knife blade, or fingernail clipper to remove the plug. Or you might want to treat it like a hard wired phone. If the phone is the old style , wired internally (hard wired), or you don't want to fool with the broken tabs; don't give up. You can purchase a short phone cable with a modular plug on one end, (RS 279-391 for $1.99) and spade lugs on the other. I have a six inch one, but Radio Shack also has a twelve foot one. I also use mini test clips (RS #270-355 for $2.69). Replace the spade lugs on the red and green leads with the test clips (Ma Bell only uses these two leads). Very carefully dismantle the phone by removing the two screws on the bottom. Connect the test clips to the red and green wires inside the phone, and plug the other end into your modem. Don't forget to put the handset back on the cradle to "hang up the phone".

Now, to call your BBS:

Directions should be on the phone, but if they aren't, check with the desk clerk. Usually, 8 is for long distance, and 9 is local. Naturally; a local call; if possible; is cheaper. However, if

there is no local access number, I suggest that you use an out of state long distance number; as it will be cheaper than a long distance call within the same state. For local calls, program your laptop to dial: 9,nnn-nnnn; where nnn-nnnn is the local access number; 9 is the outside line access number; and the comma represents a one second delay(for a dial tone).

For a long distance access number dial: 8,1-(area code)-nnn-nnnn; where 8 is the outside long distance access number; the comma is a one second delay; the 1 will (normally) charge the call to your room; and nnn-nnnn is the BBS access number. Don't forget the area code. I haven't yet figured out how to charge the call to the company calling card; so I guess you'll have to pay for it yourself. Once you are connected, just follow your normal log-on procedure, and enjoy.

PLEASE, PLEASE, don't break anything and ruin it for the rest of us.

If you have any questions, suggestions, or comments, feel free to leave me a message. My GEnie mail address is F.OBRIEN1.

GEnie Sign-Up Update

Here is some updated information on signing up with the GEnie modem service.

(1) Set your modem for local echo (half duplex), either 300 or 1200 baud.

(2) Dial 1-800-638-8369. When connected, enter HHH.

(3) At the U#= prompt, enter XJM11701,GEnie, then RETURN. And have a major credit card or your checking account number ready. For more information in the United States or Canada, call 1-800-638-9636. (Voice)

Datatronics Discovery 1200P Modem

One of the main uses for my Z88 is a portable terminal. I thought that it would be nice to have a modem which is as small and light and as portable as the Z88.

In the last year or so a new category of modem has emerged. They are called pocket modems because they are small enough to put in your pocket.

I looked through some ads and discovered the Datatronics 1200P selling for $89.95 at Jameco Electronics. This is also the official Cambridge modem. The Cambridge modem sells for over $200 but it also includes modem software and a cable.

Fortunately it is very easy to make your own modem cable and there is a publicly available modem program called Z88COM. This program was written by Phil Wheeler, who is sysop of the Club Z88 BBS in California. Z88COM is an excellent program.

The 1200P measures 3 7/8 by 2 3/8 by 7/8 inches. The 1200P has two RJ11 jacks. One is for the line cord and the other is for the telephone. There is a female DB25 jack. There are three LEDs: Battery, High Speed, and Carrier Detect. There is a built in speaker. The modem is powered by a 9 volt battery and there is a mini jack for an AC adapter. A 9 volt alkaline battery is included. The modem turns on when it detects that it is connected to a computer. The 1200P is beige colored to match most computers except Sinclairs.

Software wise the modem is totally Hayes compatible. It includes the Hayes extended response set though X4. The modem is Bell 103 and 212A compatible. These are the U.S. standards for 300 and 1200 baud. It is also CCITT V.21 and V.22 compatible. These are the standards for all other countries.

I am very happy with this modem. It has more software features than my full size modem and is less than one fourth the size.   - Dave Bennett

` Here is another 2068 music
  program from Joan Kealy.

```
   1 PRINT AT 12,0; FLASH 1;"RAI
SE KEYBOARD 1 INCH FOR SOUND!":
PAUSE 180: FLASH 0: CLS
   5 BORDER 5: PAPER 4: INK 6: C
LS : PRINT AT 5,5;"M O R N I N G
";AT 10,10;"H A S";AT 15,15;"B R
O K E N": PAUSE 280: CLS
  10 GO SUB 1000: FOR F=1 TO 41:
READ C,D,P,W$: GO SUB C: PRINT
TAB P+5;W$: BEEP D,P: NEXT F
  15 DATA 1017,.4,0,"MORN-",1900
,.4,4,"ING",1015,.4,7,"HAS",1018
,1.2,12,"BRO-",1050,1.2,14,"KEN"
,1035,.4,11,"LIKE",1900,.4,9,"TH
E",1900,.4,7,"FIRST",1055,1.2,9,
"MORN-",1060,1.2,7,"ING."
  20 DATA 1055,.4,0,"BLACK-",190
0,.4,2,"BIRD",1900,.4,4,"HAS",10
60,1.2,7,"SPO-",1055,1.2,9,"KEN"
,1015,.4,7,"LIKE",1900,.4,4,"THE
",1017,.4,0,"FIRST",1030,1.2,2,"
BIRD.",1175,0,0,""
  25 DATA 1920,0,0,""
  30 DATA 1015,.4,7,"PRAISE",190
0,.4,4,"FOR",1035,.4,7,"THE",105
5,1.2,12,"SING-",1030,1.2,7,"ING
",1015,.4,7,"PRAISE",1900,.4,4,
"FOR",1017,.4,0,"THE",1055,1.2,0
,"MORN",1035,1.2,2,"ING"
  35 DATA 1910,0,0,""
  40 DATA 1055,.4,4,"PRAISE",190
0,.4,2,"FOR",1900,.4,4,"THEM",10
60,1.2,7,"SPRING-",1055,1.2,9,"I
NG",1035,.4,2,"FRESH",1900,.4,4,
"FROM",1035,.4,2,"THE",1017,.4,0
,"WORD."
  50 PAUSE 30: GO SUB 1015: BEEP
.3,4: BEEP .3,7: GO SUB 1170: B
EEP .3,8: BEEP .3,5: BEEP .5,1:
CLS
  60 PAUSE 30: FOR S=1 TO 41: RE
AD C,D,P,W$: GO SUB C: PRINT TAB
P+5;W$: BEEP D,P: NEXT S
  65 DATA 1017,.4,0,"SWEET",1015
,.4,4,"THE",1900,.4,7,"RAIN'S",1
018,1.2,12,"NEW",1050,1.2,14,"FA
LL",1035,.4,11,"SUN-",1900,.4,9,
"LIT",1900,.4,7,"FROM",1055,1.2,
9,"HEAV-",1060,1.2,7,"EN",1055,
.4,0,"LIKE",1900,.4,2,"THE",1900
,.4,4,"FIRST",1060,1.2,7,"DEW-"
1055,1.2,9,"FALL",1015,.4,7,"ON"
,1900,.4,2,"THE",1017,.4,0,"FIRS
T",1030,1.2,2,"GRASS."
  70 DATA 1175,0,0,"",1920,0,0,"
"
  75 DATA 1015,.4,7,"PRAISE",190
0,.4,4,"FOR",1035,.4,7,"THE",105
5,1.2,12,"SWEET-",1035,1.2,9,"NE
SS",1015,.4,7,"OF",1900,.4,4,"TH
E",1017,.4,0,"WET",1055,1.2,0,"G
AR-",1035,1.2,2,"DEN,"
  80 DATA 1910,0,0,""
  85 DATA 1055,.4,4,"SPRUNG",190
0,.4,2,"IN",1900,.4,4,"COM-",106
0,1.2,7,"PLETE-",1055,1.2,9,"NES
S",1035,.4,2,"WHERE",1900,.4,4,"
HIS",1035,.4,2,"FEET",1017,.4,0,
"PASS."
  90 PAUSE 30: GO SUB 1017: BEEP
.3,0: BEEP .3,4: BEEP .3,7: GO
SUB 1170: BEEP .3,8: BEEP .3,5:
BEEP .3,1: GO SUB 1020: BEEP .3,
2: BEEP .4,6: BEEP .5,9: CLS
  95 PAUSE 15: GO SUB 1002: FOR
R=1 TO 19: READ C,D,P,W$: GO SUB
C: PRINT TAB P+5;W$: BEEP D,P:
NEXT R
 100 DATA 1125,.4,10,"PRAISE",19
00,.4,7,"WITH",1900,.4,10,"E-",1
040,1.2,15,"LA-",1130,1.2,12,"TI
ON,",1125,.4,10,"PRAISE",1900,.4
,7,"EV-",1900,.4,3,"RY",1040,1.2
,3,"MORN-",1105,1.2,5,"ING,",113
0,.4,7,"GOD'S",1900,.4,5,"RE-",1
900,.4,7,"CRE-",1065,1.2,10,"A-"
,1130,1.2,12,"TION",1105,.4,5,"O
F",1900,.4,7,"THE",1900,.4,5,"NE
W",1125,.3,3,"DAY,"
 115 PAUSE 30: FOR E=1 TO 5: REA
D C,D,P: GO SUB C: BEEP D,P: NEX
T E
 125 DATA 1900,.3,10,1165,.3,11,
1900,.4,8,1900,.4,11,1125,2.4,10
 150 GO SUB 1999: PAUSE 30: CLS
 200 STOP
1000 SOUND 7,56;8,16;9,15;10,15;
11,12;12,24;13,11: RETURN : REM
ON
1002 SOUND 7,56;8,16;9,16;10,16;
11,0;12,12;13,13: REM MAX ON
1015 SOUND 0,209;1,0;2,165;3,0;4
,139;5,0: RETURN : REM C MAJ
1017 SOUND 0,162;1,1;2,75;3,1;4,
23;5,1: RETURN : REM LOWER C MAJ
1018 SOUND 0,165;1,0;2,139;3,0;4
,104;5,0: RETURN : REM C MAJ cho
rd inversion egc--hi & sweet
1020 SOUND 0,186;1,0;2,147;3,0;4
,124;5,0: RETURN : REM D MAJ
1030 SOUND 0,156;1,0;2,124;3,0;4
,104;5,0: RETURN : REM F MAJ
1035 SOUND 0,139;1,0;2,110;3,0;4
,93;5,0: RETURN : REM G MAJ
1040 SOUND 0,209;1,0;2,175;3,0;4
,139;5,0: RETURN : REM C MINOR (
FLAT THE 3RD ANY MINOR)
1050 SOUND 0,186;1,0;2,156;3,0;4
,124;5,0: RETURN : REM D MINOR D
 FNATURAL A
1055 SOUND 0,248;1,0;2,209;3,0;4
,165;5,0: RETURN : REM A MIN
1060 SOUND 0,165;1,0;2,139;3,0;4
,110;5,0: RETURN : REM E MIN
1065 SOUND 0,23;1,1;2,234;3,0;4,
186;5,0: RETURN : REM G MIN
1105 SOUND 0,234;1,0;2,186;3,0;4
,156;5,0: RETURN : REM B FLAT MA
J
1125 SOUND 0,175;1,0;2,139;3,0;4
,117;5,0: RETURN : REM Eb
1130 SOUND 0,7;1,1;2,209;3,0;4,1
75;5,0: RETURN : REM Ab
1165 SOUND 0,7;1,1;2,221;3,0;4,1
75;5,0: RETURN : REM Ab MINOR
1170 SOUND 0,197;1,0;2,156;3,0;4
,131;5,0: RETURN : REM Db
1175 SOUND 0,23;1,1;2,139;3,0;4,
186;5,0: REM OCTAVE G WITH D
1900 RETURN : REM DUMMY CHORD TO
 REGULATE DATA
1910 CLS : RETURN
1915 CLS : GO SUB 1999: PAUSE 30
: GO SUB 1000: RETURN
1920 PAUSE 30: CLS : RETURN
1999 SOUND 7,63;8,0;9,0;10,0: RE
TURN : REM OFF
9997 STOP : REM to enable Channe
l A: SOUND 7,62;B-SOUND 7,61;C-S
OUND 7,59;A & B-SOUND 7,60;A & C
-SOUND 7,58;B & C-SOUND 7,57;A,B
,C--███████████████████████
9998 CLEAR : SAVE "MORNSONG" LIN
E 1
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CENTRAL PA 99/4A USERS GROUP
P.O. BOX 14126
HARRISBURG, PA 17104-0126

AUGUST 25, 1989

HARRISBURG AREA TIMEX-SINCLAIR USERS GROUP
329 Rear Walton Street
Lemoyne, PA 17043

Dear David,

The CENTRAL PA 99/4A USERS GROUP is proud to once again sponsor a **COMPUTER EXPOSITION!** This year, the **1989 COMPUTER EXPOSITION** will be held on **Sunday, October 15, 1989** from 7am to 2pm, at the **Carlisle Fair Grounds** in Carlisle, PA. This again will be in conjunction with the Cumberland County Amateur Radio Society, (C-CARS) and their annual HAMFEST.

Carlisle Fair Grounds is located within the city limits of Carlisle, PA and is just a few miles West of Harrisburg. It can be reached by the PA Turnpike, I-81, I-83 and Route 11. The grounds are approximately 80 acres in area with may enclosed and protected buildings. Since last years' **EXPO** was so successful, we are looking into the feasibility of leasing several buildings to house the many vendors and Users Groups that we had to deny last year due to our space requirements.

The C-CARS HAMFEST is widely known and one of the largest in this area. The news media will be aware of both the HAMFEST and our **EXPOSITION**. We, and C-CARS will be advertising heavily thoughout the Central Pennsylania area. For those of you who attended last year, you will recall we had both television and newspaper coverage. during the show. This will have a positive impact on our Users Group and should attract a larger number of visitors to our **EXPO** than last year.

Included on our agenda are demonstrations by many TI Computer Users Groups, as well as some of the notables in the computer field.

Even though this **EXPO** is geared primarily for the Home Computer user, and the TI specifically, we welcome all members of the computer community and industry.

The **CPUG** is leasing space for this **EXPOSITION** and would appreciate your support. An 8 foot table, is only fifteen ($15.00) or, a 16 foot space (2 tables) is only twenty-five ($25.00). We will supply the tables and main power. You will have to bring your own buss lines, extensions and chairs. There will be an area assigned for demonstrations and we will have a 23" color tv/monitor available if you need it, and plan to demonstrate your product(s). There will be a concession stand and the prices
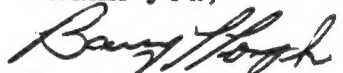
will be very reasonable.

Admission to our **1989 COMPUTER EXPOSITION** will be free. However, there will be a "gate" charge to the Fair Grounds. As a sponsor, we will provide free admission to you and one other person in your Group. The building and grounds will be secured, so you might want to arrive Saturday evening and 'set-up'. (there are several excellent motels in the immediate area)

Enclosed is a registration form for your convienence. Since space will be limited, all reservations are on a "first come" basis. In order to insure a space for your company, please reply no later than Friday, September 15th. Any replies after that date will be accepted, providing space is available, if no space is available, your registration fee will be refunded.

If by some small chance you cannot make it to our **EXPOSITION**, we will be happy to make arrangements to display your product(s) and sell them for you. Please contact us so that we may discuss the terms.

If you have any questions or desire more information about our **1989 COMPUTER EXPOSITION**, you may contact either me at my home telephone (717-564-2975) after 10:30pm or our President, Dave Ratcliffe at(717-238-5414). We are looking forward to seeing you at the **EXPOSITION** in October.

Thank you,

Barry L Long, Sr.
Secretary,
Central Pa 99/4A Users Group

Enclosure:

Following is a set of directions to the 1989 C.P.U.G. Computer Exposition covering the 4 points of the compass. While this years show is in a different location than last year, the Show location is equally accessible from the PA. Turnpike (I-76) and Interstate 81. Here are your directions:

From NORTH of Harrisburg, Pa.:

Take Interstate 81 SOUTH to exit #17. At the end of the ramp, turn RIGHT onto PA. Route 11 South. Follow it to the 4th (fourth) traffic signal (approx 3 1/3 miles), and turn right onto CLAY St. (just past HESS Gas station). Show location is on the right, approximately three tenths of a mile ahead.

From SOUTH of Harrisburg, Pa.:

Take Interstate 81 North to exit #17W. Follow PA. Route 11 South to the 4th (fourth) traffic signal (approx 3 1/3 miles), and turn right onto CLAY St., (just past HESS Gas station). Show location is on the right, approximately three tenths of a mile ahead.

From WEST of Harrisburg, Pa.:

Take Pa. Turnpike (I-76) East towards Philadelphia. Take exit 16 for PA. Route 11 South, Carlisle. Follow 11 South to the 3rd (third) traffic light (approx 2 miles), and turn right onto CLAY St., (just past the HESS Gas station). Show location is on the right, approximately three tenths of a mile ahead.

From EAST of Harrisburg, Pa.:

Take Pa. Turnpike (I-76) West towards Pittsburgh. Take exit 16 for PA. Route 11 South, Carlisle. Follow 11 South to the 3rd (third) traffic light (approx 2 miles), and turn right onto CLAY St., (just past the HESS Gas station). Show location is on the right, approximately three tenths of a mile ahead.